

Practitioner's Docket No. MPI02-110P1RNM

U.S.S.N. 10/678,872

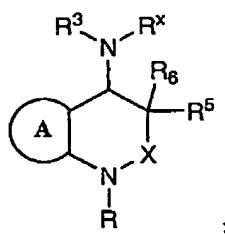
IN THE CLAIMS:

Please cancel claims 1-24, and add new claims 25-44.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-24. (canceled)

25. (new) A compound represented by the following structural formula:



or a pharmaceutically acceptable salt thereof, wherein:

Ring A is an optionally substituted monocyclic aromatic ring;

R is $-X_1-R^1$;

R^x is $-X_2-R^4$, and R^3 is an optionally substituted aromatic group; or

$-NR^xR^3$, taken together, is an optionally substituted non-aromatic nitrogen containing heterocyclic group;

X is $-C(O)-$ or $-C(R^2)_2-$;

X_1 and X_2 are each independently a bond, S(O), S(O)₂, C(O) or C(O)NH;

R^1 is H or an optionally substituted, cycloaliphatic group, aromatic group or non-aromatic heterocyclic group;

provided that when X_1 is a bond, SO or SO₂, then R^1 is not H;

each R^2 is independently H, $-X_4-R^8$ or an optionally substituted, aliphatic group, cycloaliphatic group, aromatic group or non-aromatic heterocyclic group;

R^4 is H, $-X_6-R^{10}$ or an optionally substituted, aliphatic group, cycloaliphatic group, aromatic group or non-aromatic heterocyclic group;

provided that when X_2 is a bond, SO or SO₂, then R^4 is not H;

X_4 and X_6 are each independently a straight or branched hydrocarbyl group optionally substituted with one or more groups selected from the group consisting of halo, -OH, =O, C₁-C₃ alkoxy, nitro and cyano;

R^5 and R^6 are each independently H or C₁-C₃ alkyl; and

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R^8 and R^{10} are each independently H, $-C(O)OR'$ or an optionally substituted, cycloaliphatic group, aromatic group or non-aromatic heterocyclic group;

where,

the optional substituents on the aliphatic group, the cycloaliphatic group or the non-aromatic heterocyclic group are one to three groups each independently selected from the group consisting of halo, R^{11} , $=O$, $=S$, $=NNHR^*$, $=NN(R^*)_2$, $=NNHC(O)R^*$, $=NNHCO_2(alkyl)$, $=NNHSO_2(alkyl)$ and $=NR^*$;

the optional substituents on unsaturated carbon atoms of the aromatic group is R^{11} ;

the optional substituents on a nitrogen atom of the aromatic group or the nitrogen atom of the non-aromatic nitrogen containing heterocyclic group are one to three groups each independently selected from the group consisting of R^+ , $-N(R^+)_2$, $-C(O)R^+$, $-CO_2R^+$, $-C(O)C(O)R^+$, $-C(O)CH_2C(O)R^+$, $-SO_2R^+$, $-SO_2N(R^+)_2$, $-C(=S)N(R^+)_2$, $-C(=NH)-N(R^+)_2$ and $-NR^+SO_2R^+$;

R^{11} is one to four substituents each independently selected from the group consisting of halo, R^0 , $-OH$, $-OR^0$, $-SH$, $-SR^0$, 1,2-methylenedioxy, 1,2-ethylenedioxy, protected $-OH$, phenyl, $[R^{12}]$ -phenyl, $-O(phenyl)$, $-O([R^{12}]-phenyl)$, $-CH_2(phenyl)$, $-CH_2([R^{12}]-phenyl)$, $-CH_2CH_2(phenyl)$, $-CH_2CH_2([R^{12}]-phenyl)$, $-NO_2$, $-CN$, $-N(R')_2$, $-NR'CO_2R^0$, $-NR'C(O)R^0$, $-NR'NR'C(O)R^0$, $-N(R')C(O)N(R')_2$, $-NR'NR'C(O)N(R')_2$, $-NR'NR'CO_2R^0$, $-C(O)C(O)R^0$, $-C(O)CH_2C(O)R'$, $-CO_2R'$, $-C(O)R^0$, $-C(O)N(R')_2$, $-OC(O)N(R')_2$, $-S(O)_2R^0$, $-SO_2N(R')_2$, $-S(O)R'$, $-NR'SO_2N(R')_2$, $-NR'SO_2R^0$, $-C(=S)N(R')_2$, $-(CH_2)_yN(R')_2$, $-C(=NH)-N(R')_2$, $-(CH_2)_yC(O)N(R')_2$, $-(CH_2)_yNHC(O)R'$ or $-(CH_2)_yNHC(O)CH(V-R')(R')$;

R' is H, R^0 , $-CO_2R^0$, $-SO_2R^0$ or $-C(O)R^0$;

y is 0-6;

V is C_1 - C_6 alkylene;

each R^* is independently H, an aliphatic group or an aliphatic group substituted with R^{12} ;

R^+ is H, phenyl, $[R^{12}]$ -phenyl, $-O(phenyl)$, $-O([R^{12}]-phenyl)$, $-CH_2(phenyl)$, $-CH_2([R^{12}]-phenyl)$, a heteroaryl group, a non-aromatic heterocyclic group, an aliphatic group or an aliphatic group substituted with R^{12} ;

R^0 is an aliphatic group, a cycloaliphatic group, an aromatic group, an aralkyl group or a non-aromatic heterocyclic group, each group being optionally substituted with R^{12} ;

R^{12} is one to four substituents each independently selected from the group consisting of halo, C_1 - C_6 alkyl, (halo) C_1 - C_6 alkyl, C_3 - C_8 cycloalkyl, (halo) C_3 - C_8 cycloalkyl, $-CN$, $-CF_3$, $-CHF_2$, $-CH_2F$, $-OCF_3$, $-OCHF_2$, $-OCH_2F$, $-OR'$, $-OR^{13}C(O)R'$, $-C(O)OR'$, $-C(O)N(R^{16})_2$, $-N(R^{16})_2$, $-NO_2$, $-NR^{16}C(O)R'$, $-NR^{16}C(O)OR'$, $-NR^{16}C(O)N(R^{16})_2$, $-NR^{16}SO_2R^{17}$, $-S(O)_qR^{17}$, $-R^{13}NR^{16}C(O)R'$, $-R^{13}C(O)R'$, $-R^{13}NR^{16}C(O)OR'$, tetrazolyl, imidazolyl or oxadiazolyl;

R^{13} is C_1 - C_6 alkyl or C_3 - C_8 cycloalkyl;

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each R¹⁶ is independently R' or benzyl;

R¹⁷ is R¹³ or -CF₃;

q is 0-2; and

r is 1-3;

provided that the compound is not 2-methyl-N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(2-methyl-1-oxobutyl)-4-quinolinyl]-butamide; N-(1-Acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl)-N-phenyl-heptamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(1-oxo-3-phenylpropyl)-4-quinolinyl]-benzenepropanamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(3-nitrobenzoyl)-4-quinolinyl]-hexanamide; N-[1,1'-biphenyl]-3-yl-N-[1,2,3,4-tetrahydro-1-(4-methoxybenzoyl)-2-methyl-4-quinolinyl]-acetamide; N-(1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl)-N-(4-nitrophenyl)-heptanamide; N-(1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl)-N-(4-methoxyphenyl)-2-methyl-propanamide; N-[1-(4-fluorobenzoyl)-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl]-N-phenyl-butanamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-(3-methoxybenzoyl)-2-methyl-4-quinolinyl]-pentanamide; 2-ethyl-N-[1-(2-ethyl-1-oxobutyl)-1,2,3,4-tetrahydro-2,8-dimethyl-4-quinolinyl]-N-(2-methylphenyl)-butanamide; N-[1-[(4-fluorophenyl)acetyl]-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl]-N-phenyl-propanamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(4-nitrobenzoyl)-4-quinolinyl]-octanamide; N-cyclohexyl-4-[(cyclohexylamino)carbonyl]phenylamino-3,4-dihydro-2-methyl-1(2H)-quinolinecarboxamide; N-[1-(4-ethylbenzoyl)-1,2,3,4-tetrahydro-2,8-dimethyl-4-quinolinyl]-N-(2-methylphenyl)-3-(4-nitrophenyl)-2-propenamide; 3-(4-methoxyphenyl)-N-phenyl-N-[1,2,3,4-tetrahydro-1-[3-(4-methoxyphenyl)-1-oxo-2-propenyl]-2-methyl-4-quinolinyl]-2-propenamide; 4-[(ethoxyoxoacetyl)phenylamino]-3,4-dihydro-2-methyl-5-oxo-ethyl ester-1(2H)-quinolineacetic acid; N-[1-(3-cyclohexyl-1-oxopropyl)-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl]-N-phenyl-cyclohexanepropanamide; 4-(acetylphenylamino)-3,4-dihydro-2-methyl-gamma-oxo-1(2H)-quinolinepentanoic acid; N-(1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl)-2,2-dimethyl-N-phenyl-propanamide; N-(1-benzoyl-6-bromo-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl)-N-phenyl-pentanamide; N-[1-(2-furanylcarbonyl)-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl]-N-phenyl-acetamide; 2-methyl-N-phenyl-N-[1,2,3,4-tetrahydro-1-(3-methoxybenzoyl)-2-methyl-4-quinolinyl]-propanamide; N-[1-[(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)acetyl]-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl]-N-phenyl-acetamide; 2,2,2-trifluoro-N-phenyl-N-[1,2,3,4-tetrahydro-1-(3-methoxybenzoyl)-2-methyl-4-quinolinyl]-acetamide; 2-ethyl-N-[1-(2-ethyl-1-oxobutyl)-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl]-N-phenyl-butanamide; N-(1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl)-N-(3-methoxyphenyl)-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(1-oxohexyl)-4-quinolinyl]-acetamide; N-(1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinolinyl)-N-phenyl-2-thiophenecarboxamide; N-[1-(2-fluorobenzoyl)-1,2,3,4-

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tetrahydro-2-methyl-4-quinoliny]-N-phenyl- hexanamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-(4-methoxybenzoyl)-2-methyl-4-quinoliny]- hexanamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-(4-methoxybenzoyl)-2-methyl-4-quinoliny]- hexanamide; N-[1-(cyclopropylcarbonyl)-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl- cyclopropanecarboxamide; N-(1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-N-(4-methylphenyl)- acetamide; 2-methyl-N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(2-methyl-1-oxopropyl)-4-quinoliny]- propanamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-(4-methoxybenzoyl)-2-methyl-4-quinoliny]- 2-thiophenecarboxamide; 1-(3,5-dinitrobenzoyl)-N-formyl-1,2,3,4-tetrahydro-2-methyl-N-phenyl-4-quinolinamine; N-[1-(4-chloro-3-nitrobenzoyl)-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl- acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(3-nitrobenzoyl)-4-quinoliny]-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-(3-methoxybenzoyl)-2-methyl-4-quinoliny]- hexanamide; N-[1-(2-furanylcarbonyl)-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-2-furancarboxamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(1-oxopropyl)-4-quinoliny]-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-[3-(4-methoxyphenyl)-1-oxo-2-propenyl]-2-methyl-4-quinoliny]-acetamide; 3-(2-furanyl)-N-[1-[3-(2-furanyl)-1-oxo-2-propenyl]-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-2-propenamide; N-[1-[2-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)-1-oxo-3-phenylpropyl]-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-octanamide; N-[1-(3-chlorobenzoyl)-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-acetamide; Relative stereochemistry N-phenyl-N-[(2R,4S)-1,2,3,4-tetrahydro-2-methyl-1-(1-oxopropyl)-4-quinoliny]- acetamide; Relative stereochemistry N-[(2R,4S)-1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-2-methyl-N-phenyl-propanamide; Relative stereochemistry N-[(2R,4S)-1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-hexanamide; Relative stereochemistry N-[(2R,4S)-1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-propanamide; Relative stereochemistry N-[(2R,4S)-1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-heptanamide; Relative stereochemistry N-[(2R,4S)-1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-2,2-dimethyl-N-phenyl-propanamide; N-[1-(3-fluorobenzoyl)-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-acetamide; N-[1-[4-(1,1-dimethylethyl)benzoyl]-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl- acetamide; N-(1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-2-methyl-N-phenyl-propanamide; 2,2,2-trifluoro-N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(trifluoroacetyl)-4-quinoliny]- acetamide; Relative stereochemistry N-[(2R,4S)-1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-2,2-dimethyl-N-phenyl-propanamide; Relative stereochemistry N-[(2R,4S)-1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-butanamide; Relative stereochemistry N-[(2R,4S)-1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-acetamide; Relative stereochemistry N-phenyl-N-[(2R,4S)-1,2,3,4-tetrahydro-2-methyl-1-(1-oxoheptyl)-4-quinoliny]-acetamide; Relative stereochemistry N-phenyl-N-[(2R,4S)-1,2,3,4-tetrahydro-2-methyl-1-(1-

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oxohexyl)-4-quinoliny]-acetamide; Relative stereochemistry N-[(2R,4S)-1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-pentanamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(1-oxo-3-phenyl-2-propenyl)-4-quinoliny]-acetamide; Relative stereochemistry N-[(2R,4S)-1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-heptanamide; Relative stereochemistry N-[(2R,4S)-1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-acetamide; Relative stereochemistry N-[(2R,4S)-1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-pentanamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(tricyclo[3.3.1.1^{3,7}]dec-1-ylcarbonyl)-4-quinoliny]-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(1-oxopropyl)-4-quinoliny]-propanamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(2-thienylcarbonyl)-4-quinoliny]-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-(4-methoxybenzoyl)-2-methyl-4-quinoliny]-2-furancarboxamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-(4-methoxybenzoyl)-2-methyl-4-quinoliny]-acetamide; N-[1-(3,5-dinitrobenzoyl)-1,2,3,4-tetrahydro-2-methyl-4-quinoliny]-N-phenyl-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(4-nitrobenzoyl)-4-quinoliny]-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-(2-iodobenzoyl)-2-methyl-4-quinoliny]-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(2-methyl-1-oxopropyl)-4-quinoliny]-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-[(4-methylphenyl)sulfonyl]-4-quinoliny]-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-[(4-nitrophenyl)methyl]-4-quinoliny]-acetamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-(3-methoxybenzoyl)-2-methyl-4-quinoliny]-acetamide; N-(1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-N-phenyl-butanamide; N-phenyl-N-[1,2,3,4-tetrahydro-2-methyl-1-(1-oxobutyl)-4-quinoliny]-acetamide; N-(1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-N-phenyl-hexanamide; N-(1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-N-phenyl-pentanamide; N-(1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-N-phenyl-propanamide; 1-benzoyl-1,2,3,4-tetrahydro-4-(N-phenylacetamido)quinaldine; N-(1-acetyl-6-bromo-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-N-phenyl-acetamide; N-(1-acetyl-1,2,3,4-tetrahydro-2-methyl-6-nitro-4-quinolyl)-acetanilide; N-(1-acetyl-6-chloro-1,2,3,4-tetrahydro-2-methyl-4-quinolyl)-acetanilide; N-(1-acetyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-N-phenyl-acetamide; N-(1-benzoyl-6-bromo-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-N-phenyl-acetamide; N-(1-benzoyl-6-chloro-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-N-phenyl-acetamide; N-(1-benzoyl-1,2,3,4-tetrahydro-2-methyl-4-quinoliny)-N-phenyl-butanamide; N-phenyl-N-[1,2,3,4-tetrahydro-1-(3-fluorobenzoyl)-2-methyl-4-quinoliny]-hexanamide; N-[1-(3-chloro-benzoyl)-2-methyl-1,2,3,4-tetrahydro-quinolin-4-yl]-N-phenyl-acetamide; N-[1-(4-fluoro-benzoyl)-2-methyl-6-nitro-1,2,3,4-tetrahydro-quinolin-4-yl]-N-phenyl-acetamide; pentanoic acid (1-benzoyl-6-bromo-2-methyl-1,2,3,4-tetrahydro-quinolin-4-yl)-phenyl-amide; N-(1-benzoyl-6-chloro-2-methyl-1,2,3,4-tetrahydro-quinolin-4-yl)-N-phenyl-acetamide; N-[6-chloro-1-(4-fluoro-benzoyl)-2-methyl-1,2,3,4-tetrahydro-quinolin-4-yl]-N-phenyl-

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acetamide; N-[6-bromo-1-(4-fluoro-benzoyl)-2-methyl-1,2,3,4-tetrahydro-quinolin-4-yl]-N-phenyl-acetamide; N-(1-benzoyl-6-nitro-2-methyl-1,2,3,4-tetrahydro-quinolin-4-yl)-N-phenyl-acetamide; N-(1-benzoyl-2-methyl-1,2,3,4-tetrahydro-quinolin-4-yl)-N-phenyl-butyramide; or N-[1-(3-methoxy-benzoyl)-2-methyl-1,2,3,4-tetrahydro-quinolin-4-yl]-2,2-dimethyl-N-phenyl-propionamide.

26. (new) The compound of Claim 25 wherein:

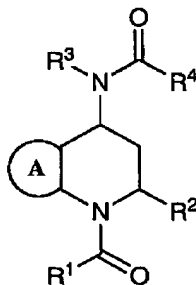
X is $-\text{CHR}^2-$;

R^2 is H, methyl or ethyl;

R^3 is an optionally substituted aromatic group; and

R^5 and R^6 are each H.

27. (new) The compound of Claim 26 wherein the compound is represented by the following structural formula:



28. (new) The compound of Claim 27 wherein R^1 is optionally substituted phenyl.
29. (new) The compound of claim 27, wherein R^4 is methyl, ethyl, propyl, *iso*-propyl, *n*-butyl, *sec*-butyl, *tert*-butyl, $-\text{CH}_2\text{OCH}_3$ or $-\text{CH}_2\text{OCH}_2\text{CH}_3$.
30. (new) The compound of claim 29 wherein:
 R^3 is $[\text{R}^{11}]$ -phenyl, where R^{11} is Br, Cl, $-\text{CH}_3$, $-\text{N}(\text{R}')_2$, $-\text{NHC}(\text{O})\text{OR}'$, $-\text{S}(\text{O})_2\text{CH}_3$, $-\text{S}(\text{O})_2\text{N}(\text{R}')_2$ or $-(\text{CH}_2)_y\text{C}(\text{O})\text{N}(\text{R}')_2$; and
 R^4 is methyl, ethyl or $-\text{CH}_2\text{OCH}_3$.
31. (new) The compound of Claim 30 wherein R^{11} is one substituent at the para position.
32. (new) The compound of Claim 27 wherein:

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R¹ is H or an optionally substituted, cycloalkyl group, aromatic group or non-aromatic heterocyclic group;

R³ is phenyl or [R¹¹]-phenyl;

R⁴ is H, -CH₂C(O)R¹⁴, -CH₂R¹⁵, -CH₂OR¹⁴ or an optionally substituted, C₁-C₃ alkyl group, cycloalkyl group, aromatic group or non-aromatic heterocyclic group;

R¹⁴ is H or an optionally substituted, alkyl group, aromatic group, cycloalkyl group or non-aromatic heterocyclic group; and

R¹⁵ is an optionally substituted, aromatic group, cycloalkyl group or non-aromatic heterocyclic group.

33. (new) The compound of Claim 27 wherein:

Ring A is phenyl or [R¹¹]-phenyl, where R¹¹ is at the five, six, seven and/or eight position;

R¹ is R¹⁸;

R⁴ is R¹⁸, C₁-C₄ alkyl, -CH₂OH, -CH₂OCH₃, -CH₂OCH₂CH₃, -CH₂CH₂OCH₃ or -CH₂CH₂OCH₂CH₃; and

R¹⁸ is an optionally substituted, phenyl, pyridyl, furanyl, thiophenyl, isoxazolyl, imidazolyl, pyrazolyl, pyrrolyl, benzofuranyl, tetrazolyl, thiazolyl, benzyl, benzothiazolyl, benzoimidazolyl, benzotriazolyl, benzomorpholinyl, benzopyrazolyl, indolyl, -CH₂-(N-pyridyl), -CH₂-furanyl, -CH₂-thiophenyl, -CH₂-isoxazolyl, -CH₂-imidazolyl, -CH₂-pyrazolyl, -CH₂-pyrrolyl, -CH₂-benzofuranyl, -CH₂-tetrazolyl, -CH₂-thiazolyl, -CH₂-tetrazolyl, -CH₂-benzothiazolyl, -CH₂-benzimidazolyl, -CH₂-O-phenyl, -CH₂C(O)-phenyl, naphthalimidyl, tetrahydrofuranyl, cyclohexyl, cyclopentyl or cyclopropyl group.

34. (new) The compound of Claim 33 wherein:

Ring A is phenyl or [R¹¹]-phenyl, where R¹¹ is at the six and/or seven position;

R¹ is phenyl, thiophenyl, furanyl, pyridyl, pyrrolidinyl, oxazolyl, isoxazolyl, benzotriazolyl or benzomorpholinyl, each group being optionally substituted with R¹¹;

R³ is [R¹¹]-phenyl; and

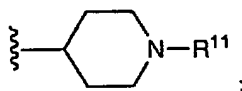
R⁴ is methyl, ethyl, propyl, *iso*-propyl, *n*-butyl, *sec*-butyl, *tert*-butyl, -CH₂OCH₃ or -CH₂OCH₂CH₃.

35. (new) The compound of Claim 27 wherein:

R¹ is thiophenyl, [R¹¹]-thiophenyl, isoxazolyl, [R¹¹]-isoxazolyl, pyridinyl, [R¹¹]-pyridinyl, benzotriazolyl, [R¹¹]-benzotriazolyl, benzomorpholinyl or [R¹¹]-benzomorpholinyl or R¹ is phenyl or [R¹¹]-phenyl, where R¹¹ is halo, -OR^o, -N(R^o)₂, oxazolyl or

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R^3 is $[R^{11}]$ -phenyl, where R^{11} is Br, Cl, $-CH_3$, $-N(R')_2$, $-NHC(O)OR'$, $-S(O)_2CH_3$, $-S(O)_2N(R')_2$ or $-(CH_2)_yC(O)N(R')_2$; and
 R^4 is methyl, ethyl or $-CH_2OCH_3$.

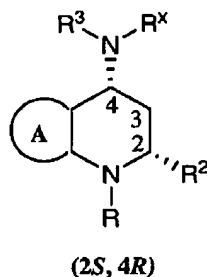
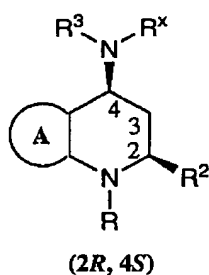
36. (new) The compound of Claim 35 wherein R^3 is $[R^{11}]$ -phenyl, where R^{11} is one substituent at the para position.

37. (new) The compound of Claim 25 wherein:

X is $-CHR^2$; and

R^2 and NR^xR^3 are in a *cis* configuration relative to one another.

38. (new) The compound of Claim 37 where the *cis* configuration is 2*S*,4*R* or 2*R*,4*S*:



39. (new) The compound of claim 25 which is represented by a structural formula selected from the group consisting of:

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or a pharmaceutically acceptable salt thereof.

40. (new) The compound of claim 25 wherein:

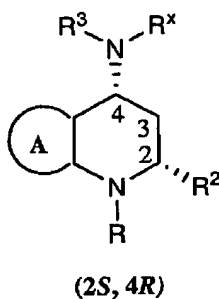
X is $-\text{CHR}^2$; and

R^2 and NR^*R^3 are in a *cis* configuration relative to one another, wherein the *cis* configuration is

2S,4R:

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41. (new) The compound of Claim 40 wherein:
 R is $-C(O)R^1$, wherein R^1 is optionally substituted phenyl;
 R^2 is H, methyl, or ethyl;
 R^3 is phenyl or $[R^{11}]$ -phenyl;
 R^x is $-C(O)R^4$; wherein R^4 is methyl, ethyl, propyl, *iso*-propyl, *n*-butyl, *sec*-butyl, *tert*-butyl, $-CH_2OCH_3$ or $-CH_2OCH_2CH_3$; and
 Ring A is phenyl or $[R^{11}]$ -phenyl, where R^{11} is at the six and/or seven position.
42. (new) The compound of claim 40 wherein:
 R^3 is $[R^{11}]$ -phenyl, where R^{11} is Br, Cl, $-CH_3$, $-N(R')_2$, $-NHC(O)OR'$, $-S(O)_2CH_3$, $-S(O)_2N(R')_2$ or $-(CH_2)_yC(O)N(R')_2$; and
 R^4 is methyl, ethyl or $-CH_2OCH_3$.
43. (new) The compound of Claim 42 wherein R^{11} is one substituent at the para position.
44. (new) A pharmaceutical composition comprising the compound of Claim 25 and a pharmaceutically acceptable diluent, excipient or carrier.